

Experimental Rip Current Probability Graphical product

WFO Wilmington NC

Product/Service Description Document (P/SDD)

Part I - Mission Connection

- a. Product/Service Description - The National Weather Service's (NWS) Experimental Rip Current Probability Graphical product provides a graphical representation of the probabilities of rip currents along area beaches from Pender County, NC south to Georgetown County, SC. This product is issued twice a day.
- b. Product Type - Experimental
- c. Purpose - The purpose of this experimental web page is to provide our customers and partners a simple, standardized web based graphical interface to access current rip current forecasts issued by the NWS office.
- d. Audience - The target audience for this experimental product is any customer in the WFO forecast area who would like access to graphically depicted weather hazard information quickly.
- e. Presentation Format - All displays occur via a web page interface. Weather hazards are displayed by forecast zone and are color coded. Forecasters determine the rip current threat using an AWIPS local application. In addition to determining the rip current threat, this application creates and sends the appropriate graphics to the WFO home page.
- f. Feedback Method - We are always seeking to improve our products based on user feedback. Comments regarding the Experimental Rip Current Probability Graphical product should be sent to the feedback e-mail address on the web page containing the product. Feedback period will be from 9/15/05 to 7/1/06.

Technical comments for the Rip Current Probability Graphical product developer may be addressed to:

National Weather Service
Attn: Michael Caropolo
2015 Gardner Drive
Wilmington, NC 28405

e-mail comments to: michael.caropolo@noaa.gov
or

Part II - Technical Description

- a. Format and Science Basis - The Rip Current Probability Graphical product was developed to provide customers enhanced weather hazard information in graphical form out 24

hours.

- b. Product availability - The web page is available 24/7. The underlying graphics are updated at a minimum of twice per day with the issuance of the SRF text product. The product can be found at http://www.erh.noaa.gov/ilm/beach/rip_risk.shtml